

To: Barton, Dana[Barton.Dana@epa.gov]
From: Halsey, Ronald H
Sent: Wed 8/23/2017 3:23:16 PM
Subject: AR Perspective on reasons to explore LEAN at Leviathan

Hi Dana,

As requested, below are high level thoughts on why AR is interested in discussing LEAN for Leviathan. We will show this slide during the site overview. Let me know if you have any questions.

Reasons to Explore LEAN: AR Perspective

- **Site was listed on NPL in 2000**
 - AR expended over \$150M to date
- **RI/FS initiated in 2008**
 - AR costs exceed \$40M
 - Between 2014 and 2016 – 31 EPA employees charged 6,394 hours for oversight
- **RI scope expansion**
 - Address all scientific possibilities vs. determining nature and extent
- **Collaboration for Expedited Decisions and Quick Wins**
 - Realistic risk scenarios
 - Realistic land use assumptions for end uses
 - Realistic remedy goals

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